

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023990.D
 Acq On : 15 Dec 2021 18:50
 Operator : SY/MD
 Sample : M4971-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3E7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 16 04:51:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16568	3.324	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.400%	
7) Chloroethane-d5	1.568	69	17195	4.135	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.105	63	23998	2.466	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.400%#	
20) 2-Butanone-d5	3.902	46	47840	49.126	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.260%	
24) Chloroform-d	4.349	84	51999	4.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.034	65	25903	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.053	84	80139	4.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.069	67	27437	4.553	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.317	98	59260	3.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	9333	3.733	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.600%	
46) 2-Hexanone-d5	8.091	63	52743	47.124	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.240%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23320	4.665	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	31906	4.757	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1103	0.160	ug/L	97
13) Acetone	2.191	43	6649m	8.534	ug/L	
33) Benzene	5.104	78	30721	1.077	ug/L	100
42) Toluene	7.391	91	58736	1.829	ug/L	96
52) Ethylbenzene	9.018	91	4057	0.120	ug/L	87
53) m,p-xylene	9.140	106	5673	0.423	ug/L	97
54) o-xylene	9.545	106	4832	0.373	ug/L	89
62) 1,3,5-Trimethylbenzene	10.542	105	1723	0.070	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	9230	0.379	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

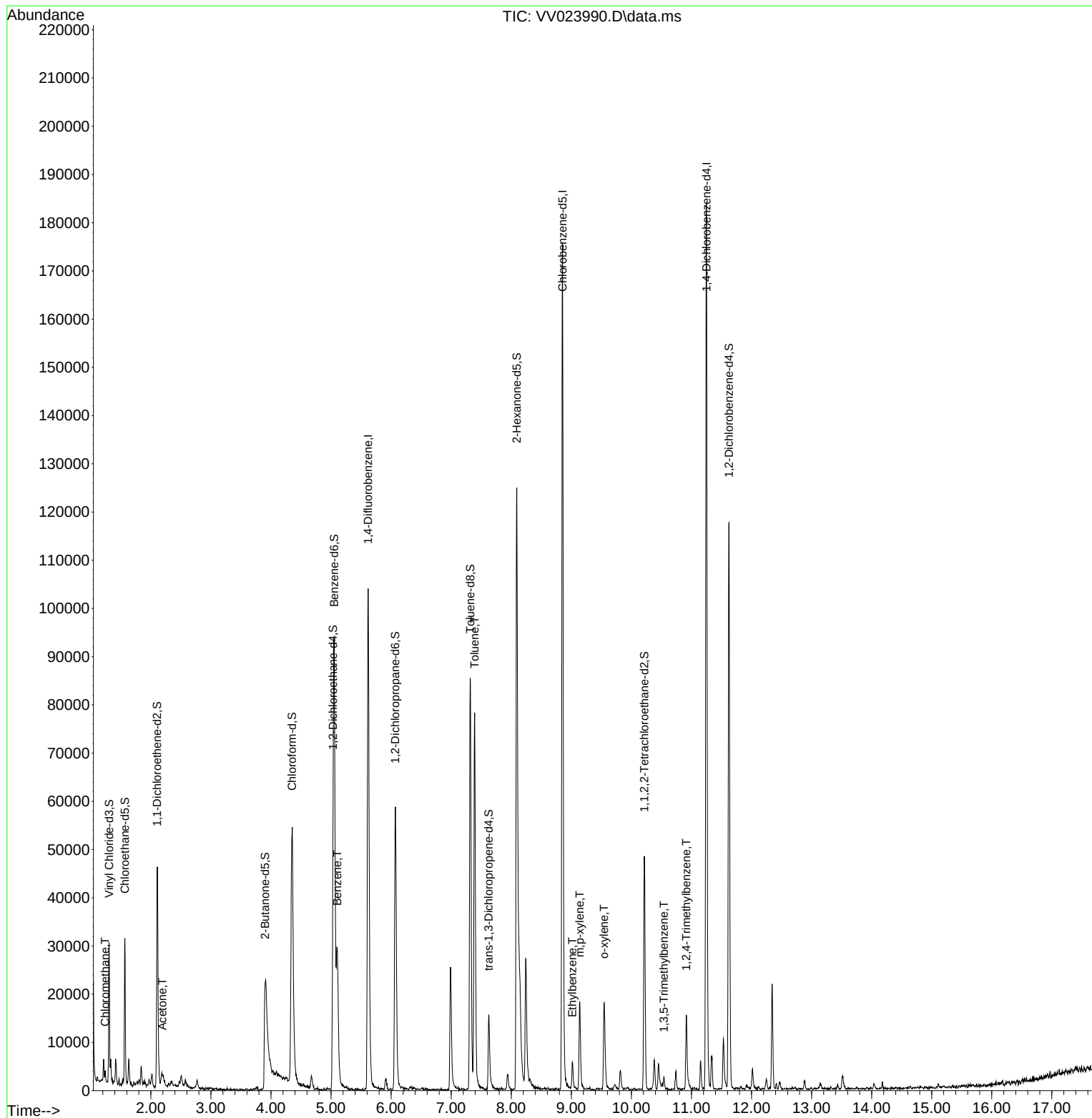
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
Data File : VV023990.D
Acq On : 15 Dec 2021 18:50
Operator : SY/MD
Sample : M4971-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

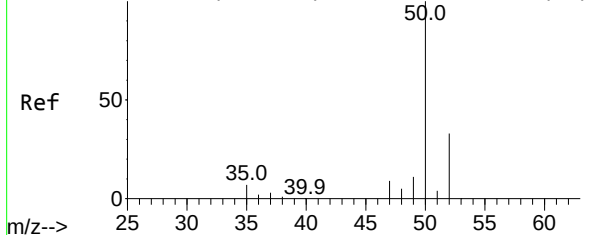
Manual Integrations
APPROVED

Reviewed By : John Carlone 12/16/2021
Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 16 04:51:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV023979.D\data.ms (-54)



#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV023990.D

Acq: 15 Dec 2021 18:50

Instrument :

MSVOA_V

ClientSampleId :

BG3E7

Tgt Ion: 50 Resp: 110

Ion Ratio Lower Upper

50 100

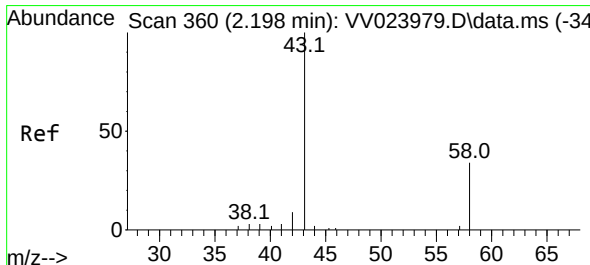
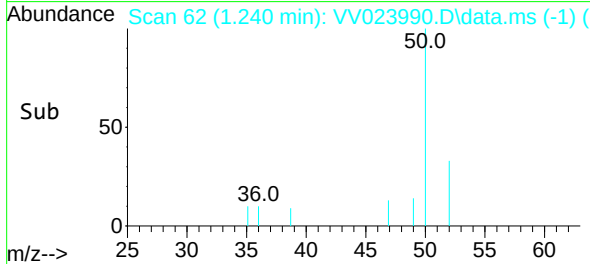
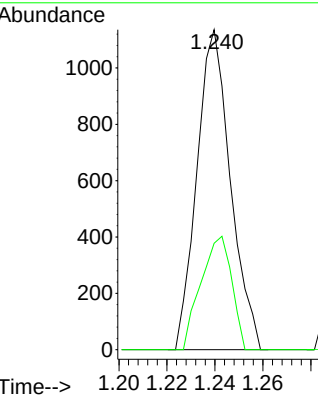
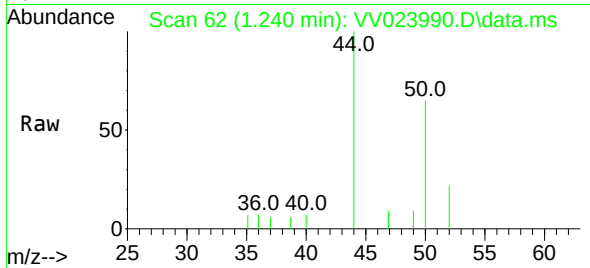
52 33.3 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/22/2021



#13

Acetone

Concen: 8.534 ug/L m

RT: 2.191 min Scan# 358

Delta R.T. -0.006 min

Lab File: VV023990.D

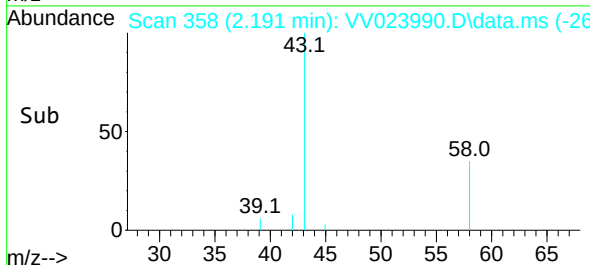
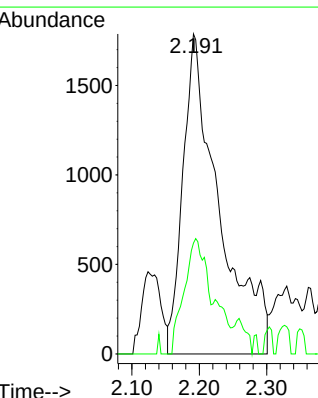
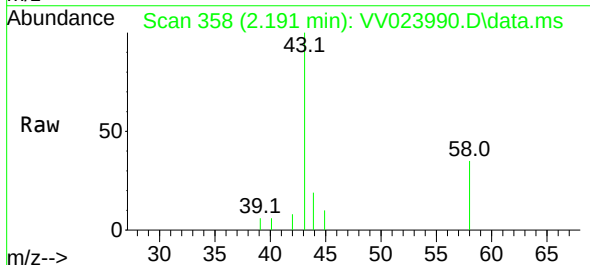
Acq: 15 Dec 2021 18:50

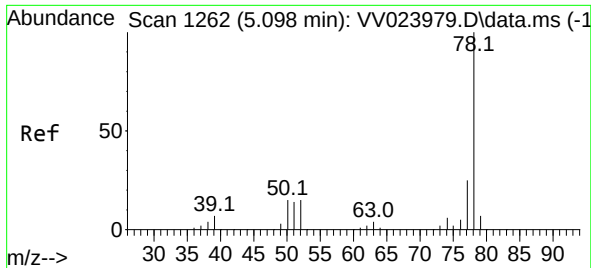
Tgt Ion: 43 Resp: 6649

Ion Ratio Lower Upper

43 100

58 22.9 0.0 41.4





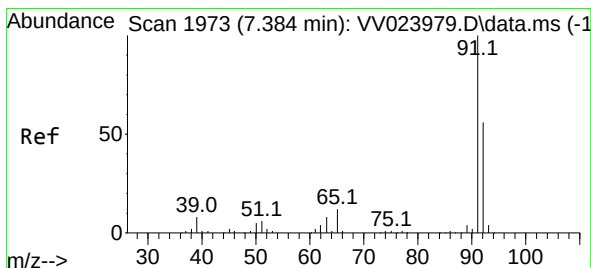
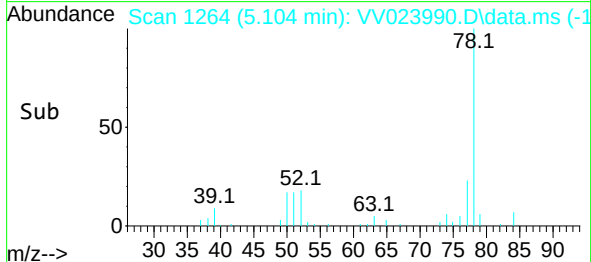
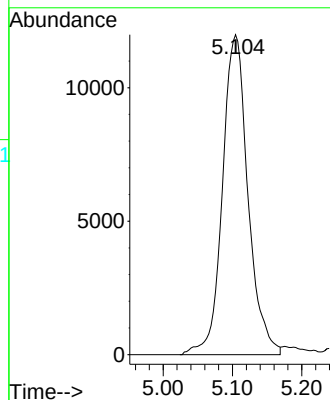
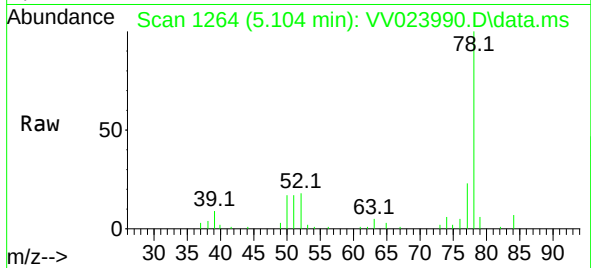
#33
Benzene
Concen: 1.077 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion: 78 Resp: 3072

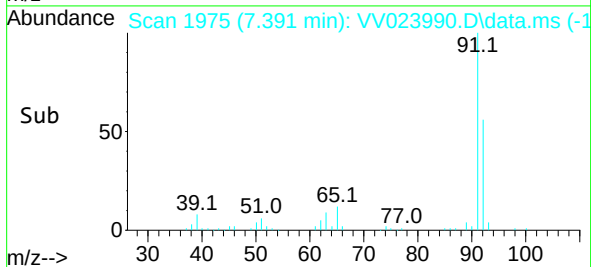
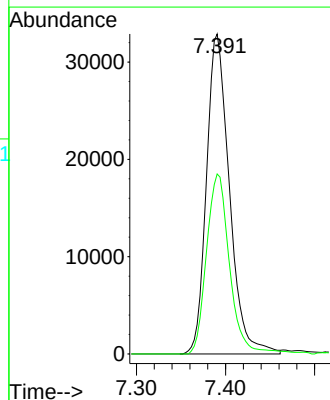
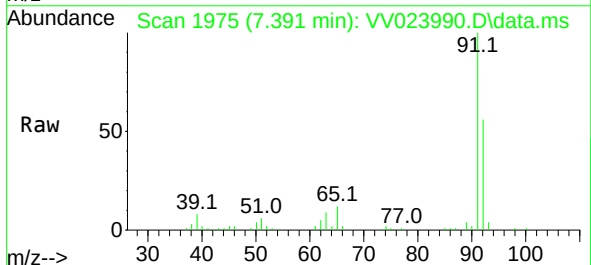
Manual Integrations
APPROVED

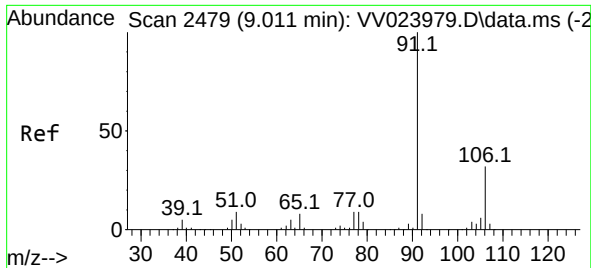
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/22/2021



#42
Toluene
Concen: 1.829 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Tgt Ion: 91 Resp: 58736
Ion Ratio Lower Upper
91 100
92 56.3 41.5 77.1





#52

Ethylbenzene

Concen: 0.120 ug/L

RT: 9.018 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV023990.D

Acq: 15 Dec 2021 18:50

Instrument :

MSVOA_V

ClientSampleId :

BG3E7

Tgt Ion: 91 Resp: 405

Ion Ratio Lower Upper

91 100

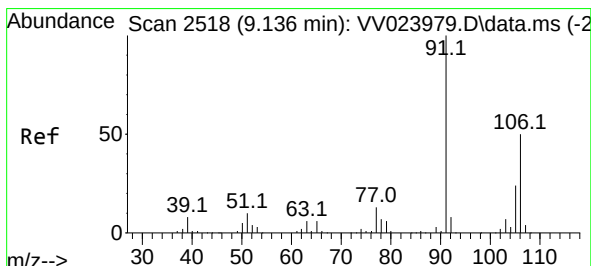
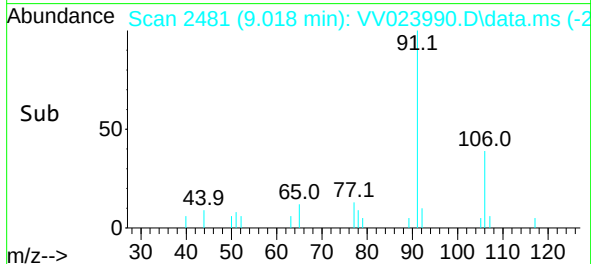
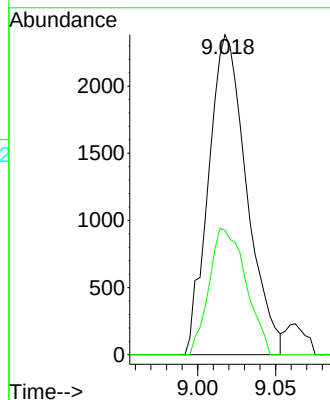
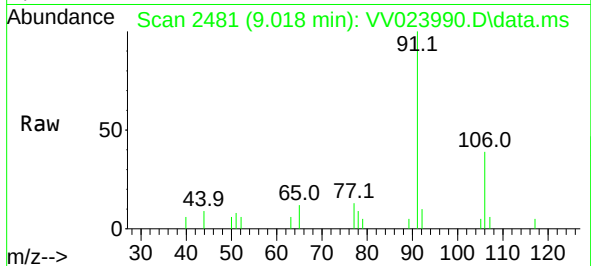
106 38.9 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/22/2021



#53

m,p-xylene

Concen: 0.423 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV023990.D

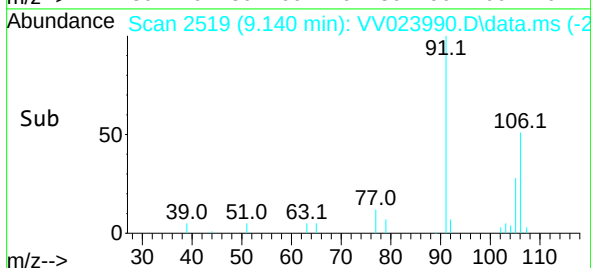
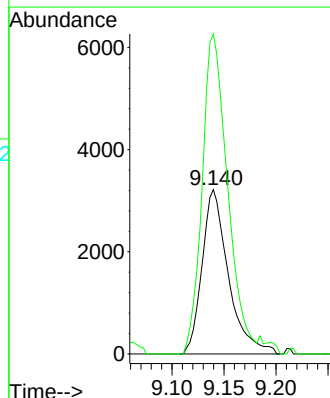
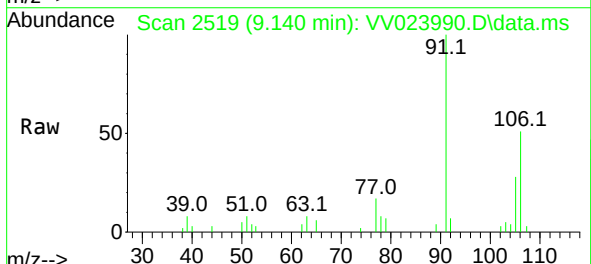
Acq: 15 Dec 2021 18:50

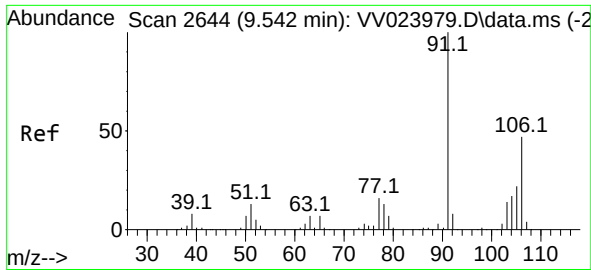
Tgt Ion:106 Resp: 5673

Ion Ratio Lower Upper

106 100

91 194.8 139.5 259.1





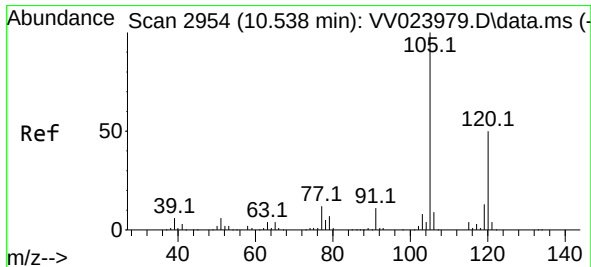
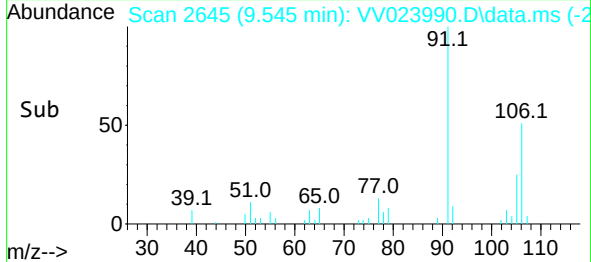
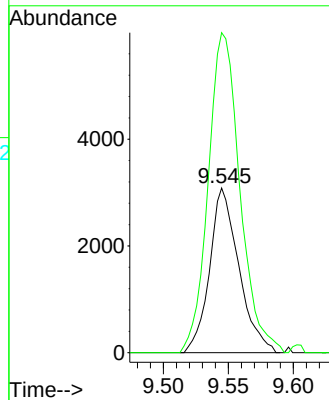
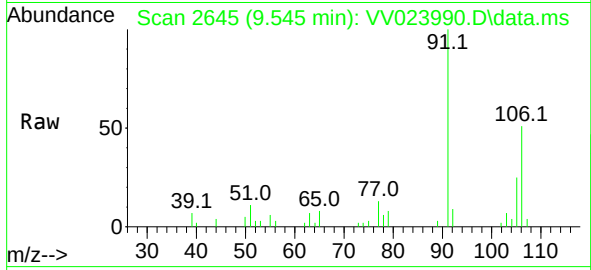
#54
o-xylene
Concen: 0.373 ug/L
RT: 9.545 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :
BG3E7

Tgt Ion:106 Resp: 483
Ion Ratio Lower Upper
106 100
91 194.3 147.9 274.7

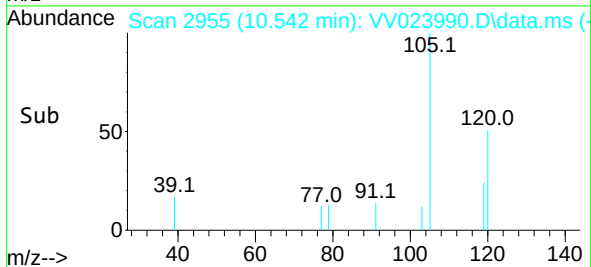
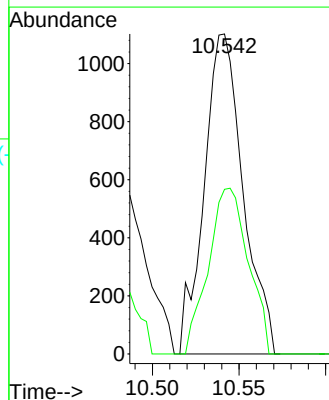
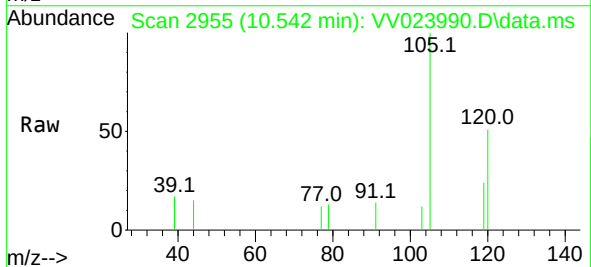
Manual Integrations
APPROVED

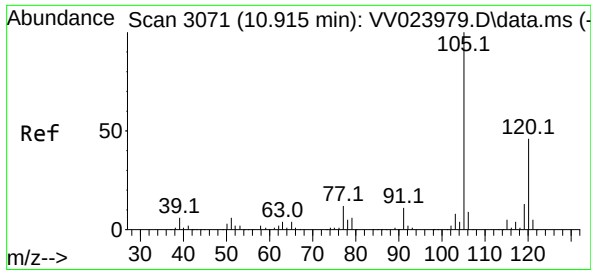
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/22/2021



#62
1,3,5-Trimethylbenzene
Concen: 0.070 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023990.D
Acq: 15 Dec 2021 18:50

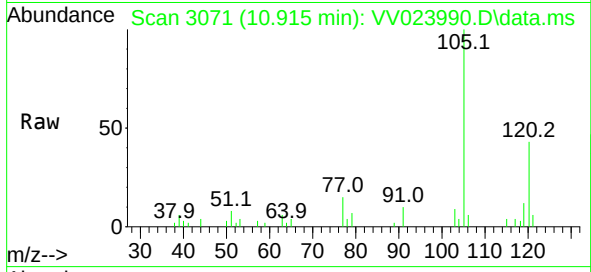
Tgt Ion:105 Resp: 1723
Ion Ratio Lower Upper
105 100
120 53.3 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.379 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023990.D
 Acq: 15 Dec 2021 18:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3E7



Tgt Ion:105 Resp: 9230
 Ion Ratio Lower Upper
 105 100
 120 42.7 36.7 55.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/22/2021

